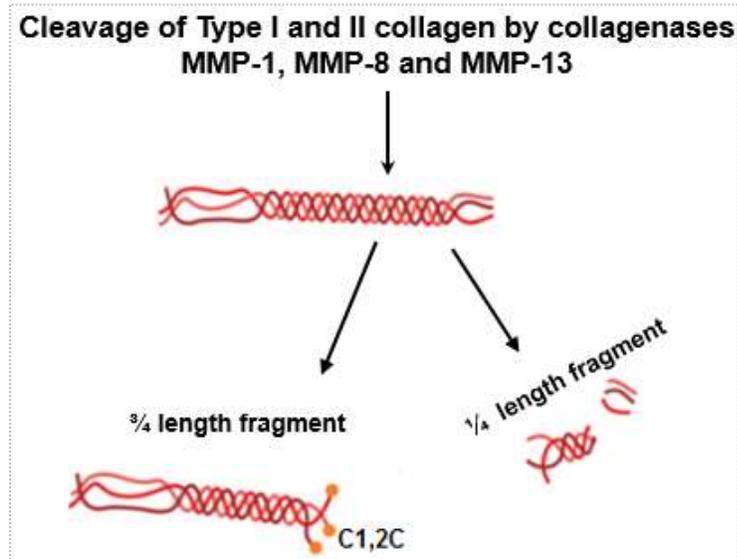


Collagen Type I and II Cleavage Assay (C1,2C ELISA)

Intended use:


The C1,2C ELISA kit measures cartilage degradation. This assay with specific polyclonal antibody recognizes the α -chain fragments containing an approximate 8 amino acid sequence from the carboxy terminus of the three-quarter length piece produced by collagenase cleavage (MMP-1, MMP-8, MMP-13) of type II collagen. C1,2C antibodies demonstrate affinity for similarly cleaved human type I collagen α -chains.

Method:

ELISA competitive inhibition, 96 well

Sample type:

Optimized for serum (may also be used for synovial fluid, urine, cell culture, tissues)

Sample volume:

25 μ L per replicate

Calibration range:

0.03 – 10 μ g/mL

Incubation time:

2.5 hours

Species:

Optimized for human (may also be used for various animal species)

Cross-reaction:

Negligible cross-reaction with uncleaved triple-helical and heat-denatured human types I and II collagen and intact or cleaved type II collagen α -chains

IBEX Pharmaceuticals Inc.